

Title (en)
CONFORMATIONAL AND TOPOLOGICAL PROTEIN REGULATION

Title (de)
KONFORMATIONALE UND TOPOLOGISCHE PROTEIN-REGULATION

Title (fr)
REGULATION CONFORMATIONNELLE ET TOPOLOGIQUE DES PROTEINES

Publication
EP 1240526 A2 20020918 (EN)

Application
EP 00990235 A 20001215

Priority

- US 0034375 W 20001215
- US 17101299 P 19991215
- US 17235099 P 19991216

Abstract (en)
[origin: WO0144816A2] Methods and compositions are provided for identifying novel conformers of proteins not known to exist as different conformers. By using chimeric genes replacing a native signal sequence with a different signal sequence resulting in the production of a conformer, one can compare the native protein with the product of the chimeric gene. Where the conformations are different, the different protein may be used for production of antibodies, elucidation of mechanisms associated with the native and different conformer protein, assays for the presence of the different conformer in physiological samples, identification of compounds specifically binding to the conformer, particularly drugs, etc. Where the formation of the conformer is associated with a diseased state, the conformer may be used in screens to identify compounds as drug candidates.

IPC 1-7
G01N 33/68; C07K 16/18; C07K 14/47; C12N 15/00; C12N 5/00

IPC 8 full level
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WO 0144816 A2 20010621; **WO 0144816 A3 20020530**; **WO 0144816 A9 20021205**; **WO 0144816 B1 20020627**; AU 2728701 A 20010625; CA 2394609 A1 20010621; CA 2394609 C 20070313; CN 1434923 A 20030806; EP 1240526 A2 20020918; IL 150191 A0 20021201; JP 2003517313 A 20030527; US 2002137915 A1 20020926; US 2005003438 A1 20050106; US 2005003454 A1 20050106; US 2005003489 A1 20050106; US 2006019318 A1 20060126; US 2007238195 A1 20071011; US 6821742 B2 20041123; US 7041462 B2 20060509

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